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Abstract

A lens arrangement is proposed for the particle-optical imaging of an object (23), to be imaged and positionable in an object plane (27), into an image area (31), comprising

a first focusing lens device (55) for providing a field having a focusing effect on the imaging particles for imaging the object (23) from the object area (27) into an intermediate image area (59),

a second focusing lens device (57) for providing a further field having a focusing effect on the imaging particles for imaging the object (23), which has been imaged into the intermediate image area (59), into the image area (31), and

a deflection lens device (63) for providing a field having a deflecting effect on the imaging particles in a region of the intermediate image area (59). The deflection lens device is disposed in the intermediate image area primarily to compensate for aberrations, such as image field curvature.

(Figure 2)